

**OPERATION AND MAINTENANCE PLAN
PUMPING PLANT FOR WATER CONTROL
CODE 533**

Landowner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained pumping plant drain is an asset to the farm. The estimated life span of this installation is at least 10 years. The life of this system can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- ☐ Maintain pump, electrical and other related equipment within the electrical code and manufacturer's recommendations.
- ☐ Inspect metal surfaces for rust and other damage. Especially inspect sections in contact with earthfill and/or other materials. Repair or replace damaged sections and apply a protective covering.
- ☐ Maintain vigorous growth of desirable vegetative coverings in surrounding areas. This includes reseeding, fertilizing and application of herbicides when necessary. Periodic mowing may also be needed to control height.
- ☐ Maintain area around pump and other equipment. Remove all debris that hinders system operation. Provide and maintain adequate surface water drainage around the pumping plant area..
- ☐ Protect the pumping plant from freezing where needed. If parts of the system cannot be drained, a non-toxic antifreeze solution may be added.
- ☐ Remove rodents and/or burrowing animals that have or may damage any part of the facility. Repair any damage caused by their activity.
- ☐ Repair any vandalism, vehicular or livestock damage.

Other _____
